

Figure 1

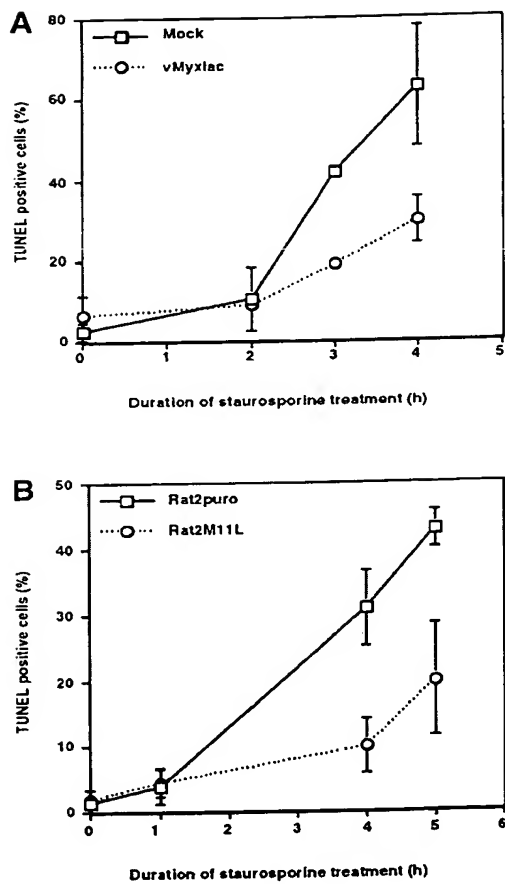


Figure 1 (con't)

C

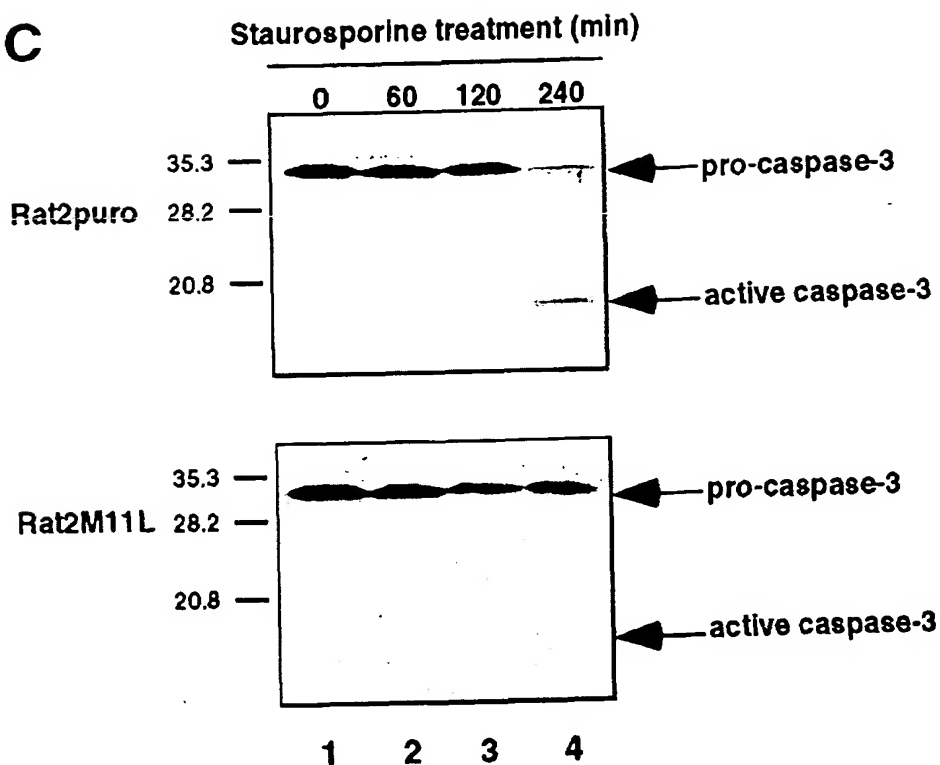


Figure 2

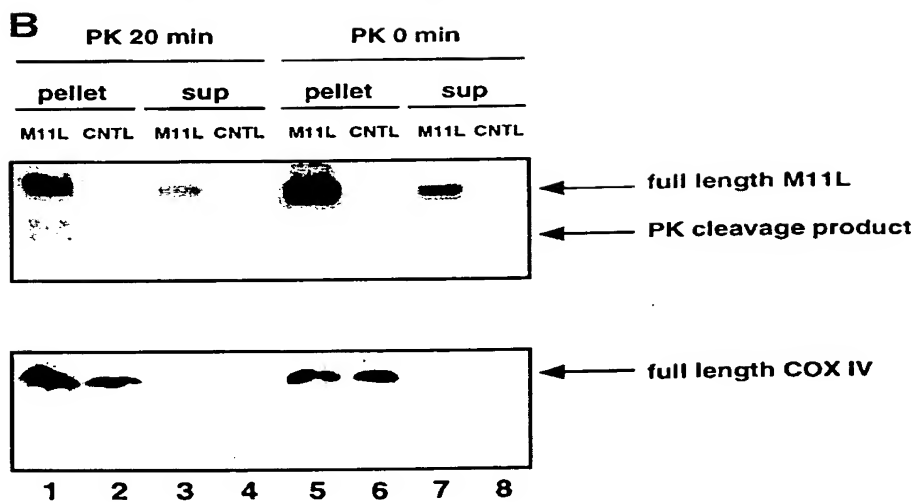
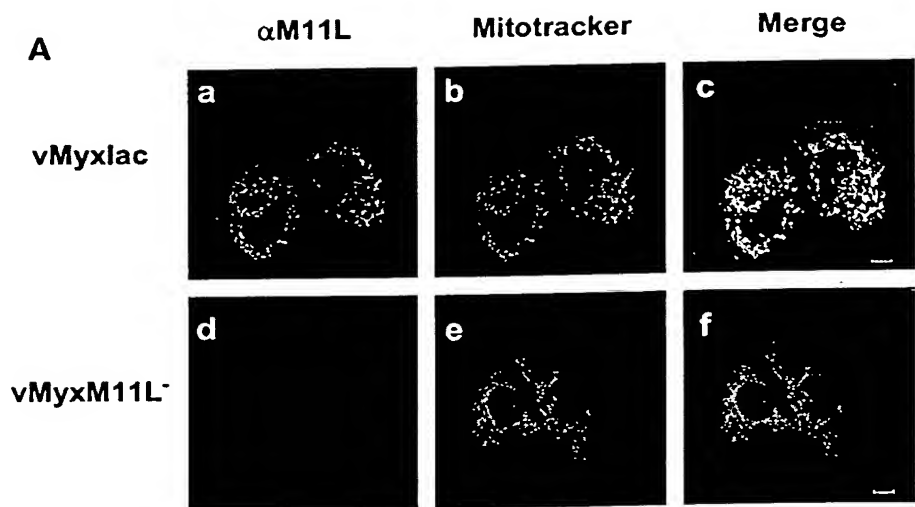
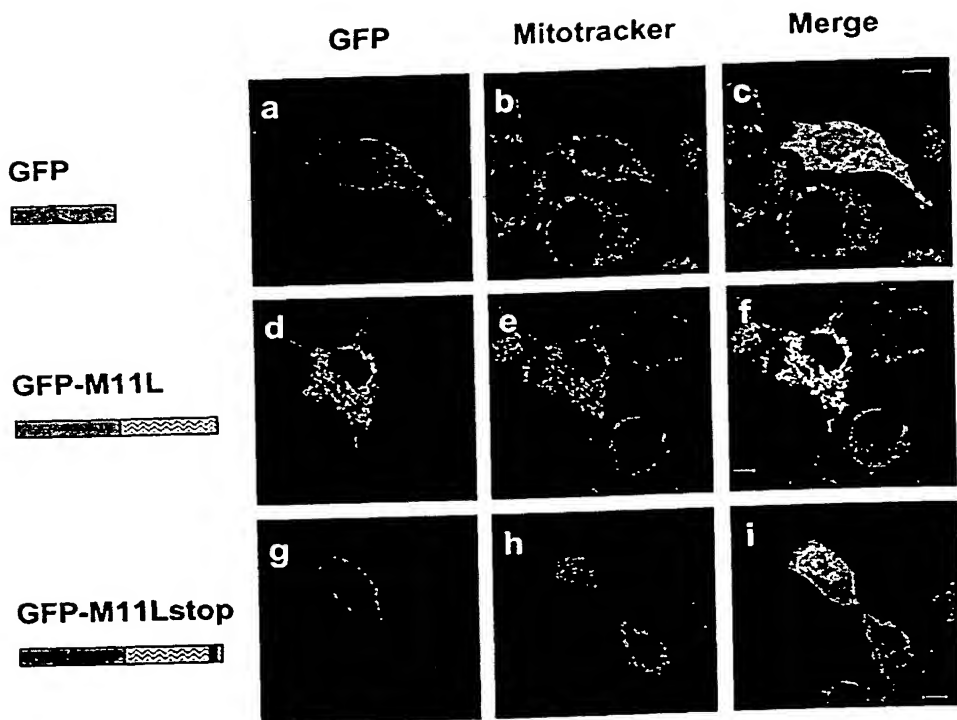


Figure 3



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**REPORT**

					domain is a mitochondrial targeting signal	domain is required for function
M11L	K	ISVYLTAADVGVFVAYGIL	K	WYRG T	Y	Y
Bcl-2	K	TLLSLALVGACITLGAYLS	K	K	Y	Y/N
Bcl-X <sub>L</sub>	R	WFLTGMTVAGVVLLGSLFS	R	K	Y	Y/N
Bcl-2/Bcl-X <sub>L</sub>	R	LLIQAFLSGFFATAIFFIW	K	AL	?	?
CED-9	R	WSMIGAGVTAGAIGIVGVVCG	R	MMFSLK	?	?
BHRF-1	K	FSWTLFLAGLTLSLLVICSYLFIS	R	GRE	Y	Y
KSbcl-2	R	MTALLGSIALLATILAAVAMS	R	R	?	?
Nip3	K	VFLPSLLLSHLLAIGLGIYIG	R	RLTTSTSTF	Y	Y
Nix	K	VFIPSLFLSHVLALGLGIYIG	K	RLSTPSA	Y	Y
	positive charge	18-24 aa putative membrane-spanning domain	positive charge	positive tail		

Figure 6

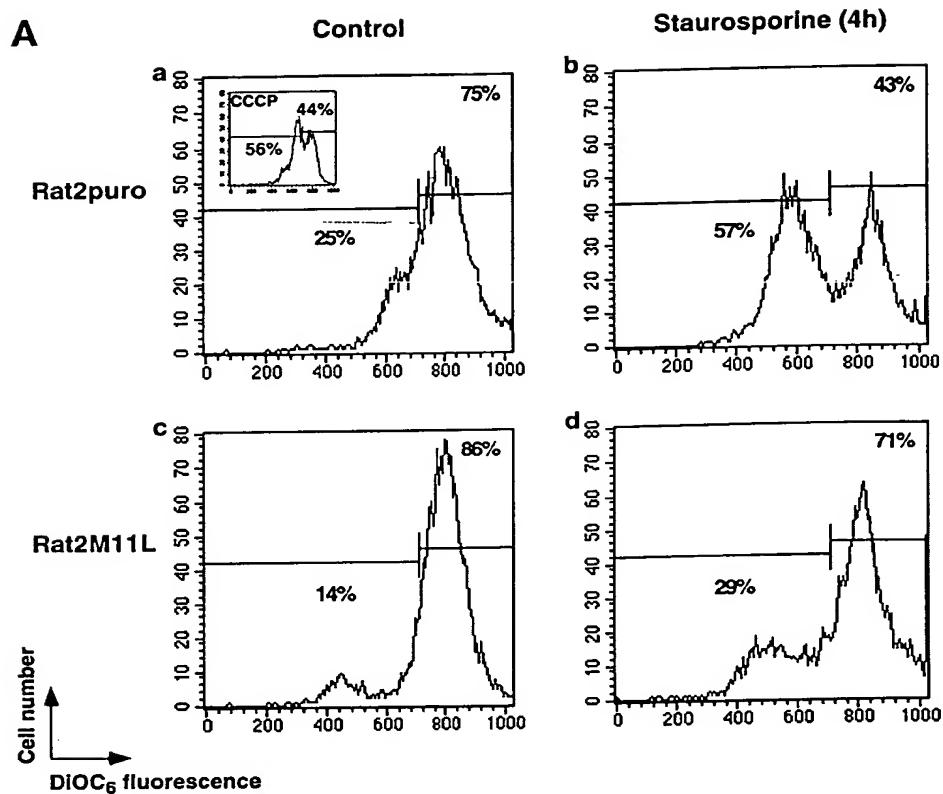


Figure 6 (con't)

**B**

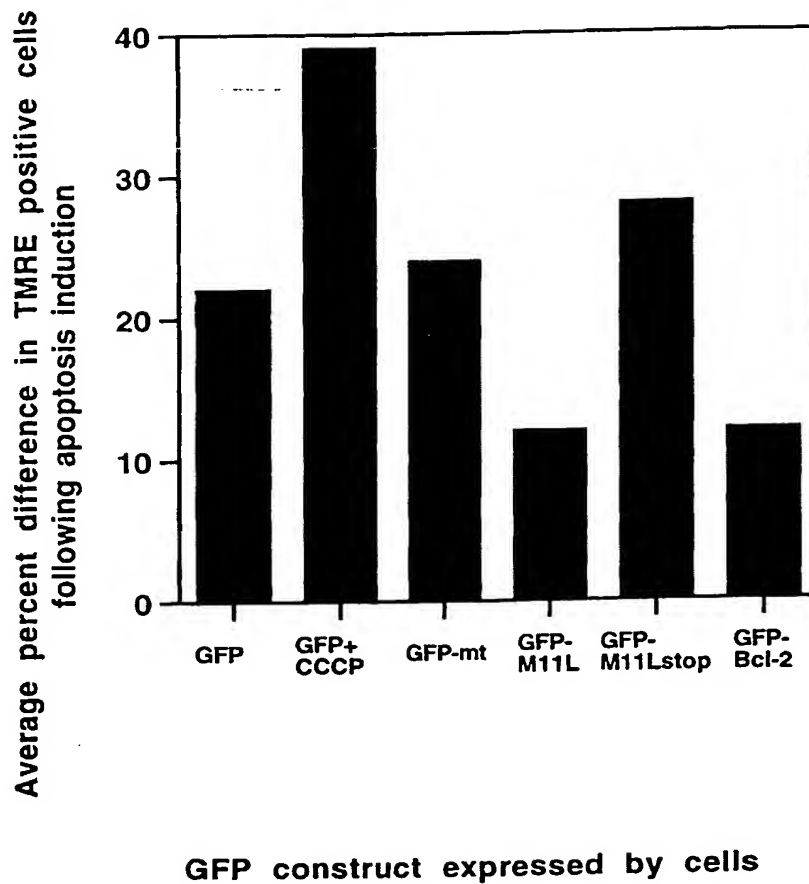
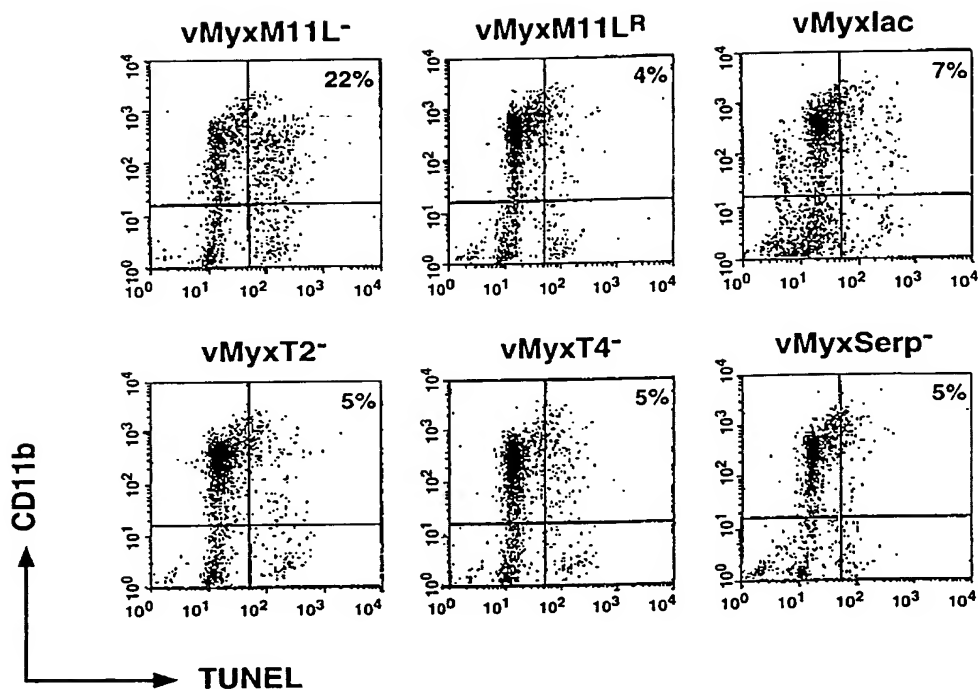




Figure 7



## Process to Identify M11L-interacting Proteins

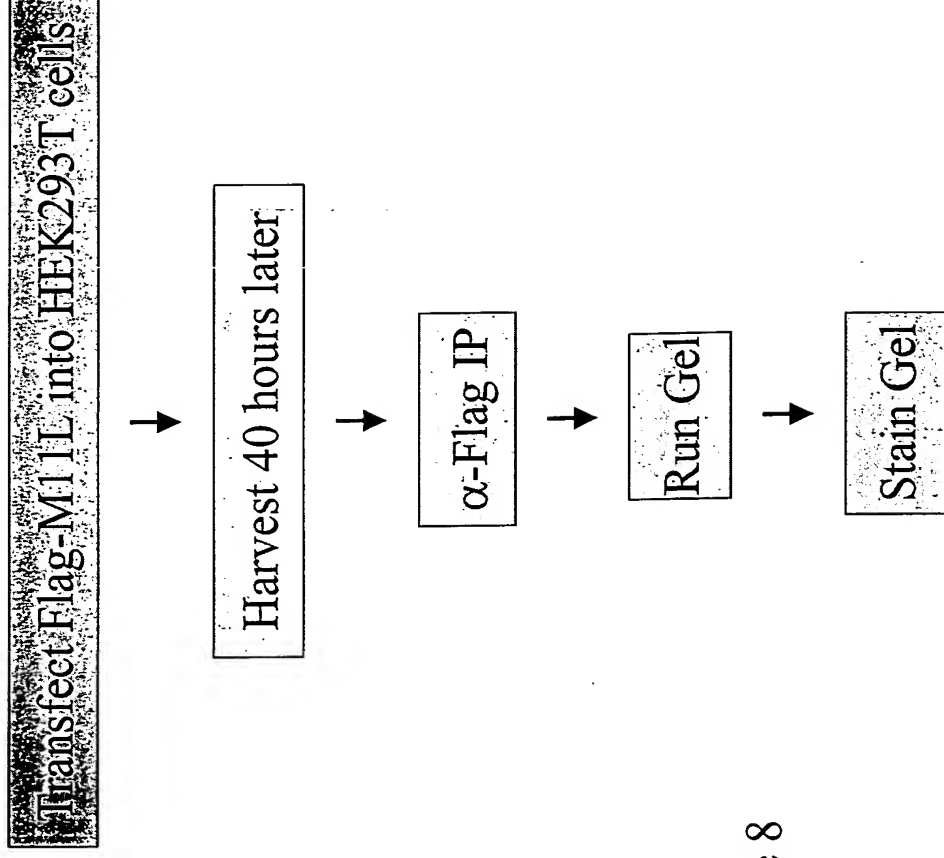


Figure 8

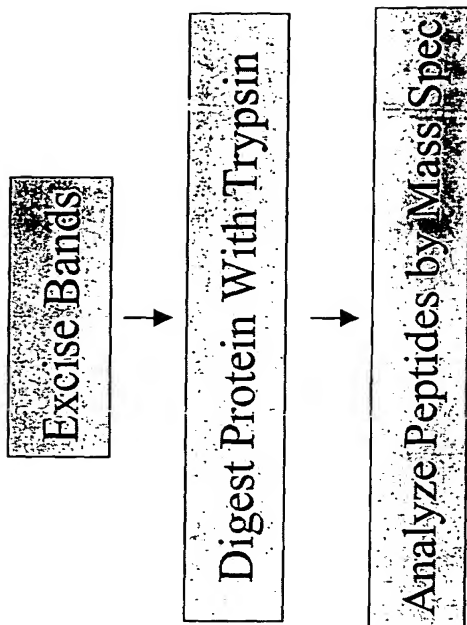
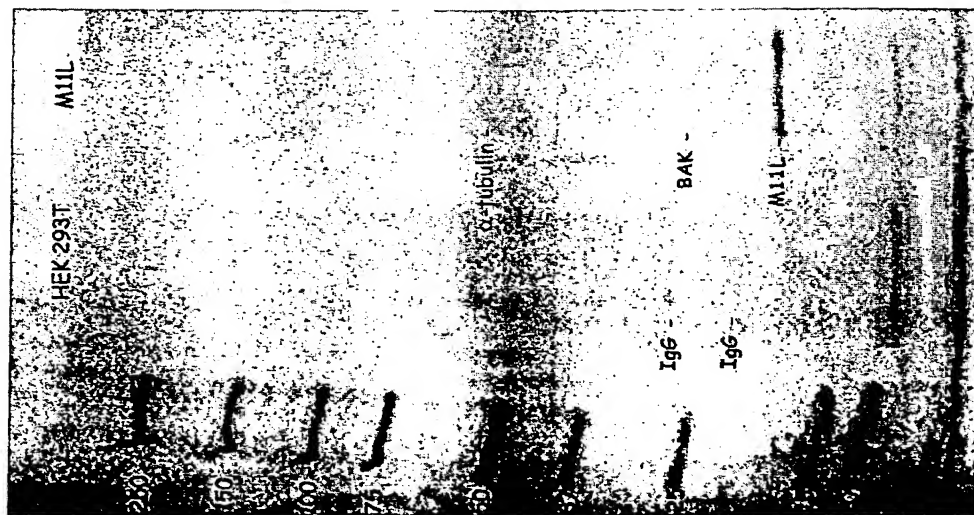
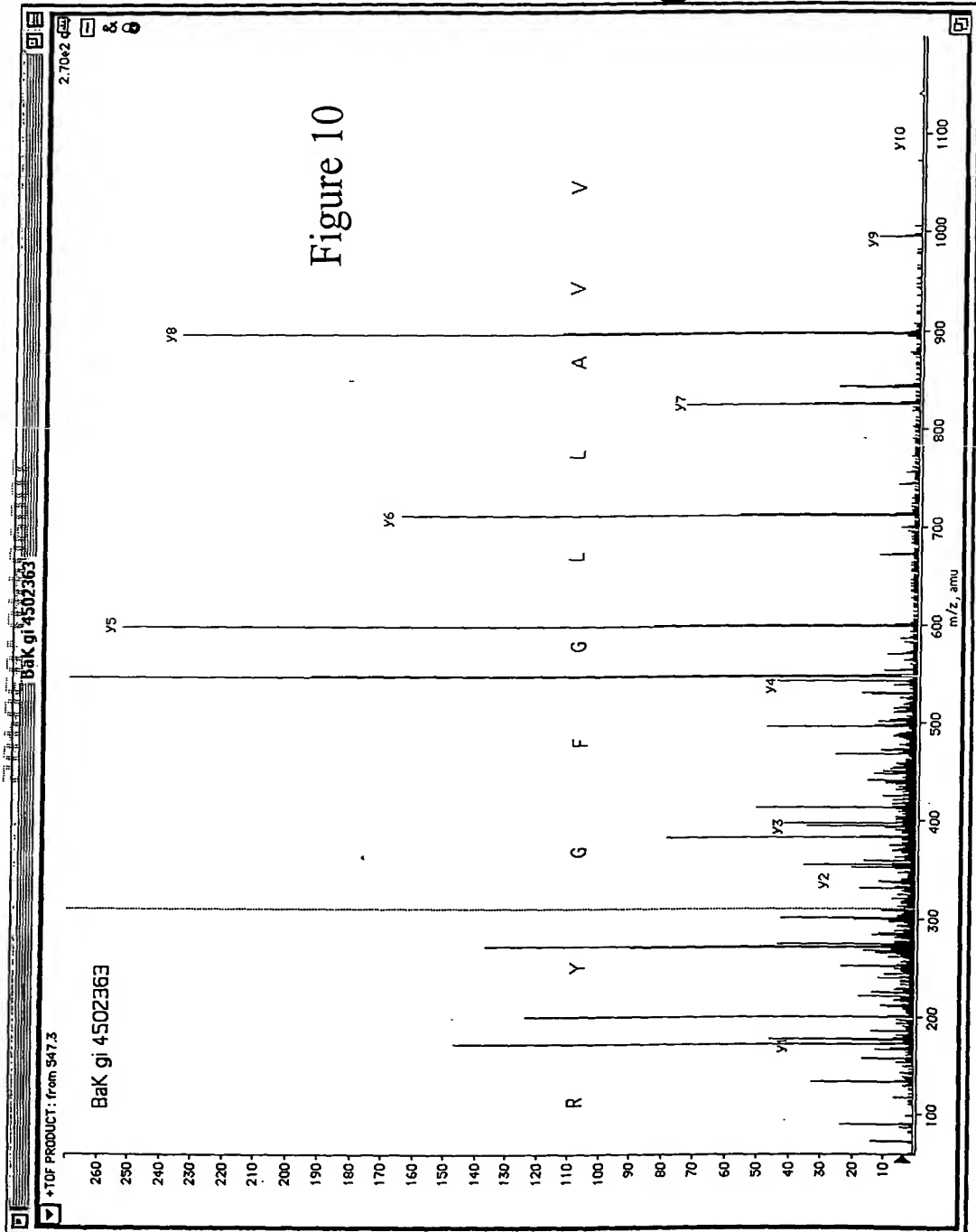


Figure 9



Bak, a Bcl2 family member, was identified  
by Mass Spec

MASGQGPGRQECGEPAIPASASEEQVAQD  
TEEVFRSYVFYRHQQEQEAEQVAAAPADPEM  
VTLPQPSTMGQVGR**QLAIIGDDIN**RRYD  
SEFQTMLQLQPTAENAYEYFTK**IATSLFE**  
**SGINWGRVALLGFGYR**LALHVVYQH  
GLTGFLGQVTRFVDFMLHHCIARWIAQRGGWVA  
ALNLGNGPILNLVLVGWLLGQFVWRRFFKS

Figure 11